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## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

09/16/2004

Kohler Schmid + Partner Ruppmannstr. 27 D-70565 Stutthgart, GERMANY EXAMINER

SHRIVASTAV, BRIJ B

ART UNIT PAPER NUMBER

2859

DATE MAILED: 09/16/2004

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/617 764      | 07/14/2003  | Voy Soolwoohter      | P8027LIS            | 4043             |

TITLE OF INVENTION: SOLID STATE NMR METHOD WITH INVERSE DETECTION

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1330    | \$300           | \$1630           | 12/16/2004 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (703) 746-4000

| appropriate. All further corr                                                                                                                                                                                                                                                                                                                                          | respondence including the Poelow or directed otherwise                                             | atent, advance ord                                     | ders and notificat                                                                                                                                                                                                                                                                                                                  | ion of maintenance fees                                                                                                                                                                                                                                                                       | uired). Blocks I through 5 sh<br>will be mailed to the current<br>s; and/or (b) indicating a sepa                                 | correspondence address as                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)                                                                                                                                                                                                                                                                                           |                                                                                                    |                                                        | Note: A certificate o<br>Fee(s) Transmittal. T<br>papers. Each addition                                                                                                                                                                                                                                                             | Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. |                                                                                                                                   |                                                           |
| 7590 09/16/2004                                                                                                                                                                                                                                                                                                                                                        |                                                                                                    |                                                        | have its own certifica                                                                                                                                                                                                                                                                                                              | te of mailing or transmission.                                                                                                                                                                                                                                                                | 3,                                                                                                                                |                                                           |
| Kohler Schmid +                                                                                                                                                                                                                                                                                                                                                        | Partner                                                                                            |                                                        |                                                                                                                                                                                                                                                                                                                                     | Ce                                                                                                                                                                                                                                                                                            | ertificate of Mailing or Trans                                                                                                    | mission                                                   |
| Ruppmannstr. 27                                                                                                                                                                                                                                                                                                                                                        |                                                                                                    |                                                        |                                                                                                                                                                                                                                                                                                                                     | States Postal Service                                                                                                                                                                                                                                                                         | this Fee(s) Transmittal is being with sufficient postage for firs                                                                 | st class mail in an envelope                              |
| D-70565 Stutthgard                                                                                                                                                                                                                                                                                                                                                     | t,                                                                                                 |                                                        |                                                                                                                                                                                                                                                                                                                                     | addressed to the Ma                                                                                                                                                                                                                                                                           | this Fee(s) Transmittal is being<br>with sufficient postage for firs<br>il Stop ISSUE FEE address<br>PTO (703) 746-4000, on the d | above, or being facsimile                                 |
| GERMANY                                                                                                                                                                                                                                                                                                                                                                |                                                                                                    |                                                        |                                                                                                                                                                                                                                                                                                                                     | Transmitted to the OS                                                                                                                                                                                                                                                                         | 110 (103) 140-4000; On the d                                                                                                      | (Depositor's name)                                        |
|                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                    |                                                        |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                               |                                                                                                                                   | (Signature)                                               |
|                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                    |                                                        |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                               |                                                                                                                                   | (Date)                                                    |
| APPLICATION NO.                                                                                                                                                                                                                                                                                                                                                        | FILING DATE                                                                                        |                                                        | FIRST NAMED IN                                                                                                                                                                                                                                                                                                                      | VENTOR                                                                                                                                                                                                                                                                                        | ATTORNEY DOCKET NO.                                                                                                               | CONFIRMATION NO.                                          |
| 10/617,764                                                                                                                                                                                                                                                                                                                                                             | 07/14/2003                                                                                         |                                                        | Kay Saalwad                                                                                                                                                                                                                                                                                                                         | hter                                                                                                                                                                                                                                                                                          | P8027US                                                                                                                           | 4043                                                      |
| ·                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                    |                                                        | •                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                               | 1602703                                                                                                                           | 4045                                                      |
| TITLE OF INVENTION: SC                                                                                                                                                                                                                                                                                                                                                 | SMALL ENTITY                                                                                       | ISSUE FE                                               |                                                                                                                                                                                                                                                                                                                                     | PUBLICATION FEE                                                                                                                                                                                                                                                                               | TOTAL FEE(S) DUE                                                                                                                  | DATE DUE                                                  |
|                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                    |                                                        |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                               |                                                                                                                                   | 12/16/2004                                                |
| nonprovisional                                                                                                                                                                                                                                                                                                                                                         | NO                                                                                                 | \$1330                                                 |                                                                                                                                                                                                                                                                                                                                     | \$300                                                                                                                                                                                                                                                                                         | \$1630                                                                                                                            | 12/10/2004                                                |
| EXAM                                                                                                                                                                                                                                                                                                                                                                   | INER                                                                                               | ART UN                                                 | T                                                                                                                                                                                                                                                                                                                                   | CLASS-SUBCLASS                                                                                                                                                                                                                                                                                |                                                                                                                                   | ,                                                         |
| SHRIVASTA                                                                                                                                                                                                                                                                                                                                                              | AV, BRIJ B                                                                                         | 2859                                                   |                                                                                                                                                                                                                                                                                                                                     | 324-307000                                                                                                                                                                                                                                                                                    |                                                                                                                                   |                                                           |
| <ol> <li>Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</li> <li>Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</li> <li>"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</li> </ol> |                                                                                                    |                                                        | 2. For printing on the patent front page, list  (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. |                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                                           |
| 3. ASSIGNEE NAME AND                                                                                                                                                                                                                                                                                                                                                   | RESIDENCE DATA TO B                                                                                | E PRINTED ON T                                         | HE PATENT (pr                                                                                                                                                                                                                                                                                                                       | int or type)                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                           |
|                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                    |                                                        |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                               | gnee is identified below, the d                                                                                                   | ocument has been filed for                                |
| (A) NAME OF ASSIGNI                                                                                                                                                                                                                                                                                                                                                    |                                                                                                    |                                                        |                                                                                                                                                                                                                                                                                                                                     | CITY and STATE OR CO                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                           |
|                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                    | ries (will not be pri                                  | inted on the paten                                                                                                                                                                                                                                                                                                                  | nt): 🔲 Individual 🔲 (                                                                                                                                                                                                                                                                         | Corporation or other private gro                                                                                                  | oup entity Government                                     |
| 4a. The following fee(s) are                                                                                                                                                                                                                                                                                                                                           | enclosed:                                                                                          | 4b                                                     | . Payment of Fee                                                                                                                                                                                                                                                                                                                    | • •                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                           |
| Issue Fee                                                                                                                                                                                                                                                                                                                                                              |                                                                                                    |                                                        | A check in the amount of the fee(s) is enclosed.                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                                           |
|                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                    |                                                        | Payment by credit card. Form PTO-2038 is attached.                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                                           |
| Advance Order - # of Copies                                                                                                                                                                                                                                                                                                                                            |                                                                                                    |                                                        | The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).                                                                                                                                                                         |                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                                           |
| 5. Change in Entity Status                                                                                                                                                                                                                                                                                                                                             | (from status indicated above                                                                       | )                                                      |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                                           |
|                                                                                                                                                                                                                                                                                                                                                                        | MALL ENTITY status. See                                                                            |                                                        | D b. Applicant                                                                                                                                                                                                                                                                                                                      | is no longer claiming SM                                                                                                                                                                                                                                                                      | ALL ENTITY status. See 37 C                                                                                                       | FR 1.27(g)(2).                                            |
| The Director of the USPTO NOTE: The Issue Fee and Printerest as shown by the reco                                                                                                                                                                                                                                                                                      | is requested to apply the Issu<br>ublication Fee (if required) v<br>ords of the United States Pate | e Fee and Publicate vill not be accepted and Trademark | tion Fee (if any) o<br>I from anyone oth<br>Office.                                                                                                                                                                                                                                                                                 | or to re-apply any previou<br>ner than the applicant; a re                                                                                                                                                                                                                                    | sly paid issue fee to the applica<br>gistered attorney or agent; or the                                                           | ation identified above.<br>the assignee or other party in |
| Authorized Signature                                                                                                                                                                                                                                                                                                                                                   |                                                                                                    |                                                        |                                                                                                                                                                                                                                                                                                                                     | Date                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                           |
| Typed or printed name                                                                                                                                                                                                                                                                                                                                                  |                                                                                                    |                                                        |                                                                                                                                                                                                                                                                                                                                     | Registratio                                                                                                                                                                                                                                                                                   | on No                                                                                                                             | <del></del>                                               |
| This collection of informatio<br>an application. Confidentiali                                                                                                                                                                                                                                                                                                         | on is required by 37 CFR 1.3 ty is governed by 35 U.S.C.                                           | 11. The informatio<br>122 and 37 CFR                   | n is required to o                                                                                                                                                                                                                                                                                                                  | btain or retain a benefit by<br>ion is estimated to take 12                                                                                                                                                                                                                                   | the public which is to file (and 2 minutes to complete, including                                                                 | d by the USPTO to process) ag gathering, preparing, and   |

an application. Communically is governed by 35 U.S.C. 122 and 37 CFR 1.14. Inis collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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| 10/617,764                        | 07/14/2003     | Kay Saalwachter      | P8027US                | 4043             |
| 75                                | 590 09/16/2004 |                      | EXAM                   | INER             |
| Kohler Schmid + Partner           |                | SHRIVASTAV, BRIJ B   |                        |                  |
| Ruppmannstr. 27 D-70565 Stutthgar | τ,             |                      | ART UNIT               | PAPER NUMBER     |
| GERMANY                           |                |                      | 2859                   |                  |
|                                   |                |                      | DATE MAILED: 09/16/200 | 4                |

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



### United States Patent and Trademark Office

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| APPLICATION NO.                   | FILING DATE    | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| Kohler Schmid + Partner           |                | SHRIVASTAV, BRIJ B   |                     |                  |
| Ruppmannstr. 27 D-70565 Stutthgar | rt.            |                      | ART UNIT            | PAPER NUMBER     |
| GERMANY                           | ,              |                      | 2859                |                  |
|                                   |                |                      |                     |                  |

DATE MAILED: 09/16/2004

#### Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees will increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 52604, 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

| By a small entity (Sec. 1.27(a))           | \$685.00 |
|--------------------------------------------|----------|
| By other than a small entity               |          |
| (b) Issue fee for issuing a design patent: | •        |
| By a small entity (Sec. 1.27(a))           | \$245.00 |
| By other than a small entity               |          |
|                                            |          |

(c) Issue fee for issuing a plant patent: By a small entity (Sec. 1.27(a))......\$330.00

By other than a small entity......\$660.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.